

## Goat anti-TACR1 Antibody

Item Number	dAP-1097
Target Molecule	Principle Name: TACR1; Official Symbol: TACR1; All Names and Symbols: TACR1; tachykinin receptor 1; NK1R; neurokinin 1 receptor; NKIR; SPR; TAC1R ; NK-1 receptor; Tachykinin receptor 1 (substance P receptor,neurokinin-1 receptor); neurokinin 1 receptor; tachykinin 1 receptor (substance P receptor, neurokinin 1 receptor); Accession Number (s): NP_001049.1*; NP_056542.1*; Human Gene ID(s): 6869; Non-Human GeneID(s): 21336 (mouse) 24807 (rat)
Immunogen	EIPGDSSDRYHEQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_001049.1 and NP_056542.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 36kDa band observed in Human Testis lysates (calculated MW of 35.7kDa according to NP_056542.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Lai JP, Ho WZ, Kilpatrick LE, Wang X, Tuluc F, Korchak HM, Douglas SD. Full-length and truncated neurokinin-1 receptor expression and function during monocyte/macrophage differentiation. Proc Natl Acad Sci U S A. 2006 May 16;103(20):7771-6. Epub 2006 May 4. PMID: 16675550 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**